

Please type a plus sign (+) inside this box → []

SEP 30 2005

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

| | |
|------------------------|----------------------|
| Application Number | 10/619,074 |
| Filing Date | July 15, 2003 |
| First Named Inventor | Toru TAKAYAMA et al. |
| Group Art Unit | 2823 |
| Examiner Name | B. Kebede |
| Attorney Docket Number | 0756-7173 |

U.S. PATENT DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------------------|-----------------------|----------------------|--------------------------------------|---|---|---|
| | | Number | Kind Code ² (if known) | | | |
| BN | 2003/0217805 | | | Takayama et al. | 11/27/2003 | |
| BN | 2002/0146893 | | | Shimoda et al. | 10/10/2002 | |
| BN | 2003/0224582 | | | Shimoda et al. | 12/04/2003 | |
| BN | 2004/0219762 | | | Shimoda et al. | 11/04/2004 | |
| BN | RE38,466 | | | Inoue et al. | 03/16/2004 | |
| BN | 6,423,614 | | | Doyle | 07/23/2002 | |
| BN | 6,744,116 | | | Doyle | 06/01/2004 | |
| BN | 5,990,542 | | | Yamazaki | 11/23/1999 | |
| BN | 2002/0175345 | | | Yamazaki | 11/28/2002 | |
| BN | 6,441,468 | | | Yamazaki | 08/27/2002 | |
| BN | 6,445,059 | | | Yamazaki | 09/03/2002 | |
| BN | 2005/0023526 | | | Yamazaki | 02/03/2005 | |
| BN | 5,834,327 | | | Yamazaki et al. | 11/10/1998 | |
| BN | 2004/0263712 | | | Yamazaki et al. | 12/30/2004 | |
| BN | 2005/0052584 | | | Yamazaki et al. | 03/10/2005 | |
| BN | 2004/0232413 | | | Yamazaki et al. | 11/25/2004 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
|--------------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|---|---|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ² (if known) | | | | |
| BN | EP | 1 363 319 | | | | 11/19/2003 | — | Eng. |
| BN | EP | 0 858 110 | | | | 08/12/1998 | — | Eng. |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------------------|-----------------------|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| BN | | European Patent Office, Search Report dated July 21, 2005 for Application No. 03015816.6. | |
| BN | | A.J. AUBERTON-HERVE et al., <i>Industrial Research Society</i> , (Kogyo Chosa Kai); Electronic Material, August, 1997, Pages 83-87. | Con. Stmt. |
| | | | |

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | Bruce Kebede | Date Considered | 12/11/2005 |
|--------------------|--------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|----------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | <i>Complete if Known</i> | |
| Sheet | 2 | of | 2 | Application Number | 10/619,074 |
| | | | | Filing Date | July 15, 2003 |
| | | | | First Named Inventor | Toru TAKAYAMA et al. |
| | | | | Group Art Unit | 2823 |
| | | | | Examiner Name | B. Kebede |
| | | | | Attorney Docket Number | 0756-7173 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|--------------------------------------|---|---|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Person or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| BK | 5,815,223 | | | Watanabe et al. | 09/29/1998 | |
| BK | 6,153,495 | | | Kub et al. | 11/28/2000 | |
| BK | 6,271,101 | | | Fukunaga | 08/07/2001 | |
| BK | 6,290,804 | | | Henley et al. | 09/18/2001 | |
| BK | 6,309,950 | | | Forbes | 10/30/2001 | |
| BK | 6,319,757 | | | Parsons et al. | 11/20/2001 | |
| BK | 6,333,215 | | | Matsuda et al. | 12/25/2001 | |
| BK | 6,410,436 | | | Yamagata et al. | 06/25/2002 | |
| BK | 6,527,964 | | | Smith et al. | 03/04/2003 | |
| BK | 6,534,382 | | | Sakaguchi et al. | 03/18/2003 | |
| BK | 6,569,595 | | | Sato et al. | 05/27/2003 | |
| BK | 6,593,213 | | | Stanbery | 07/15/2003 | |
| BK | 6,602,761 | | | Fukunaga | 08/05/2003 | |
| BK | 6,624,046 | | | Zavracky et al. | 09/23/2003 | |
| BK | 6,653,209 | | | Yamagata | 11/25/2003 | |
| BK | 6,682,963 | | | Ishikawa | 01/27/2004 | |
| BK | 6,756,286 | | | Moriceau et al. | 06/29/2004 | |
| BK | 6,811,945 | | | Kobayashi | 11/02/2004 | |
| BK | 6,828,214 | | | Notsu et al. | 12/07/2004 | |
| BK | 6,852,653 | | | Yamazaki et al. | 02/08/2005 | |
| BK | 2003/0064569 | | | Takayama et al. | 04/03/2003 | |
| BK | 2004/0087110 | | | Takayama et al. | 05/06/2004 | |
| BK | 2004/0129960 | | | Maruyama et al. | 07/08/2004 | |
| BK | 2004/0132265 | | | Maruyama et al. | 07/08/2004 | |
| BK | 2004/0140547 | | | Yamazaki et al. | 07/22/2004 | |
| BK | 2004/0169786 | | | Yamazaki et al. | 09/02/2004 | |
| BK | 2004/0256618 | | | Imai et al. | 12/23/2004 | |
| BK | 2001/0015256 | | | Yamazaki et al. | 08/23/2001 | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| BK | | Realization of a Display that is Thin, Light and Unbreakable, Nikkei Microdevices, Issued July 1, 2002, Pages 71-72. | Full |
| | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.